

Converting Colors

Hex(461900)

Have a look what the booklet for
Hex(461900) contains.

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Color

Hex(461900)

Conversions

Conversions Part 1

Format	Color
Hex	461900
RGB	70, 25, 0
RGB Percent	27%, 10%, 0%
CMY	0.7255, 0.9020, 1.0000
CMYK	0.00, 0.64, 1.00, 0.73
HSL	21°, 100%, 14%
HSV	21°, 100%, 27%
XYZ	2.8734, 1.9974, 0.2341
YIQ	35.6050, 34.8450, 1.7650

Conversions

Conversions Part 2

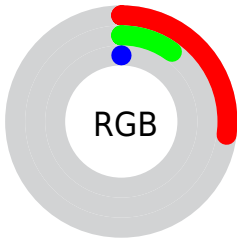
Format	Color
RYB	70, 39, 0
Decimal	4593920
CIELab	15.47, 20.10, 23.33
CIELCh	15, 30.794, 49.254
Yxy	1.9974, 0.5629, 0.3913
Android (android.graphics.Color)	4282784000 (0xFF461900)
YUV	35.6050, -17.5533, 30.1644
Hunter-Lab	14.1328, 11.5595, 8.9109

Details

The Hex color **461900** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002D46**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **7A462F**, and **020000** is the 20% darker color. If you saturate the color by 10%, you get **461900**, and if you desaturate by 10%, it is **461D07**.

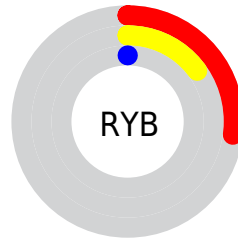
Distribution



Red (27%)

Green (10%)

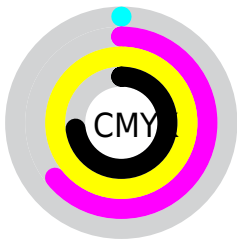
Blue (0%)



Red (27%)

Yellow (15%)

Blue (0%)

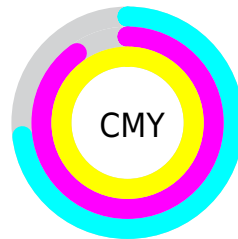


Cyan (0%)

Magenta (64%)

Yellow (100%)

Black (73%)



Cyan (73%)

Magenta (90%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 461900 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 461900 by changing the saturation by 10% instead.

 461900

 461900

 FFFFE2

 2D0300

 7A462F

 020000

 965E46

 000000

 B2775D

 CE9176

 ECAB90

 FFC7AB

 FFE3C6

 461900

■ 461D07

■ 46220E

■ 462715

■ 462B1C

■ 463023

■ 46342A

■ 463931

■ 463D38

■ 46423F

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4D101A



461900



382300

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



461900



00301E



132450

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



461900



002D46

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



002C52



461900



003034

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



461900



062E05



002F47



391A43

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



461900



2B2800



002F47



002752

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



461900



5C4A40



46002D



2E231D



ADADAD



2E2E2E

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



461900



5C2100



463C00



242120



632400



E35100

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



002D46



003B5C



000A46



202224



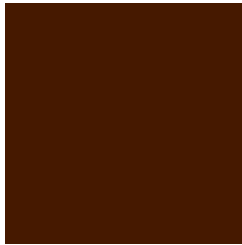
004063



0092E3

Previews

White Background



This preview shows how the Hex color 461900 looks on a white background.

Color Contrast Check

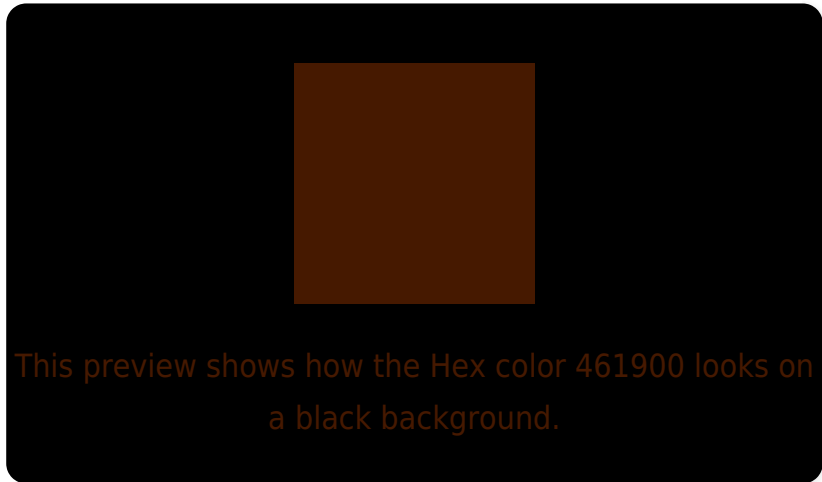
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

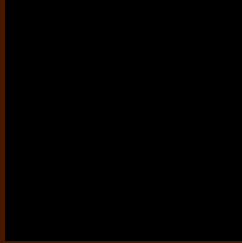
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 461900 Background



This preview shows how black text looks on a background with the Hex color 461900.

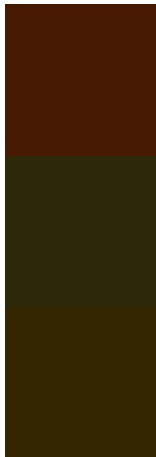


This preview shows how white text looks on a background with the Hex color 461900.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
461900

Protanopia
2D2807

Deuteranopia
332600



Tritanopia
461719

Trichromacy



Original Color
461900

Protanomaly
362304

Deuteranomaly
3A2100

Tritanomaly
461810

Monochromacy



Original Color
461900

Achromatopsia
242424

Achromatomaly
302017

CSS Examples

Text

The CSS property to change the color of the text to Hex 461900 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #461900 looks like.

```
.text, #text, p{  
    color:#461900  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #461900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #461900  
}
```

Border

The CSS property to change the border of an element to Hex 461900 is called "border". The border property can be set on classes, ids or directly on the HTML element.

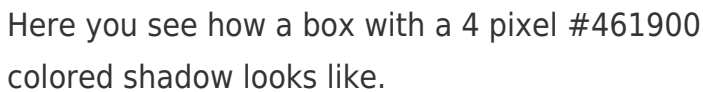
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#461900 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#461900 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #461900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #461900; -webkit-box-shadow:4px 4px  
4px 4px #461900; box-shadow:4px 4px 4px  
4px #461900 }
```

Background

The CSS property to change the background color of an element to Hex 461900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#461900 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#461900 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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